



1600

RAW SEQUENCE LISTING

DATE: 05/06/2003

PATENT APPLICATION: US/09/404,706A

TIME: 13:56:37

Input Set : D:\seqlist.txt

Output Set: N:\CRF4\05062003\I404706A.raw

4 <110> APPLICANT: Williams, Lewis T.
 5 Escobedo, Jaime
 6 Innis, Michael A.
 7 Garcia, Pablo Dominiguez
 8 Sudduth-Klinger, Julie
 9 Reinhard, Christoph
 10 Giese, Klaus
 11 Randazzo, Filippo
 12 Kennedy, Giulia C.
 13 Pot, David
 14 Kassam, Altaf
 15 Lamson, George
 16 Drmanac, Radoje
 17 Crkvenjakov, Radomir
 18 Dickson, Mark
 19 Drmanac, Snezana
 20 Labat, Ivan
 21 Leshkowitz, Dena
 22 Kita, David
 23 Garcia, Veronica
 24 Jones, Lee William
 25 Stache-Crain, Birgit
 27 <120> TITLE OF INVENTION: Novel Human Genes and Gene Expression
 28 Products V
 30 <130> FILE REFERENCE: 2300-1492
 C--> 32 <140> CURRENT APPLICATION NUMBER: US/09/404,706A
 33 <141> CURRENT FILING DATE: 1999-09-24
 35 <150> PRIOR APPLICATION NUMBER: 60/102,180
 36 <151> PRIOR FILING DATE: 1998-09-28
 38 <150> PRIOR APPLICATION NUMBER: 60/102,161
 39 <151> PRIOR FILING DATE: 1998-09-28
 41 <150> PRIOR APPLICATION NUMBER: 60/102,380
 42 <151> PRIOR FILING DATE: 1998-09-29
 44 <150> PRIOR APPLICATION NUMBER: 60/103,815
 45 <151> PRIOR FILING DATE: 1998-10-08
 47 <150> PRIOR APPLICATION NUMBER: 60/105,877
 48 <151> PRIOR FILING DATE: 1998-10-27
 50 <160> NUMBER OF SEQ ID NOS: 1079
 52 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 54 <210> SEQ ID NO: 1
 55 <211> LENGTH: 300
 56 <212> TYPE: DNA
 57 <213> ORGANISM: Homo sapiens

ENTERED

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Input Set : D:\seqlist.txt

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59 <400> SEQUENCE: 1

60 aattccgttg ctgtcggcag acggctttca gagtacaata aacagggaat gagaactatt	60
61 tacatggaat gttctttctc atgatgcggt ggagaagcct cggccacttg gttctgccag	120
62 atgttcctgg ggttactgta aatgggaagg acaggcagag ctaaacaagg ttatcattt	180
63 aaaagtgcct gtgtgaagtc acttttgctg gaaaactgca gcttgggagc tttctttgta	240
64 ttcacatccc actcttctgt caagtacact ttaccctgac cttatgagtg gatgaagata	300

66 <210> SEQ ID NO: 2

67 <211> LENGTH: 398

68 <212> TYPE: DNA

69 <213> ORGANISM: Homo sapiens

71 <400> SEQUENCE: 2

72 cttgaacttc tgggctcaag tgattctccc acctcagcct cccaaagtgt tgggattgta	60
73 ggtgtgaact actgtgcctg gccttctaca tttttttttt aaccatttca tagttccctt	120
74 tttctttgaa cacttggtcc aaactcactt ttcttctgga ttcataattt ctgatctcac	180
75 ctattatggt atagaactga tatgttacgt ttgttttcat tgatgcgtct gtacttggct	240
76 tcagagagca aaacaaggcc ctgtgagtca ctgggagcca gattttggat caaaataaat	300
77 cactttctga caagtgtagt tgtctagtaa tggaatgagg cagtcttctt aggaagtaat	360
78 gaattccctg caccaaaaagg gagaagctag cgagccac	398

80 <210> SEQ ID NO: 3

81 <211> LENGTH: 424

82 <212> TYPE: DNA

83 <213> ORGANISM: Homo sapiens

85 <400> SEQUENCE: 3

86 aaaatacaat gtctaggagc tatcccaggg tctgtaatcc tctgagtcag gtggggaagt	60
87 aggggtgatac ccacctgtga ccatgacaag ttttgagagc cagaaactcg gatagagttt	120
88 ctagaacccc gcatccctct catactgcct gaagccctcc tctggggaga gtgtcatcac	180
89 agtaccatgt ggcattgcgag tgtcgtggta atgctccccg accaaaccac caaaccgagg	240
90 gttgggctgc ttattctcgc tgcccaataa tgagatgcag ataaactagg aaagaaagga	300
91 gtttatttct gtaaccagggt acggggcgaa ggcgtggaaa atatcccaga ccgactcaga	360
92 attacagagc tttccagagc ttatatacct tgtaagttgt atgtttatgt gtaaagtgtg	420
93 catt	424

95 <210> SEQ ID NO: 4

96 <211> LENGTH: 411

97 <212> TYPE: DNA

98 <213> ORGANISM: Homo sapiens

100 <220> FEATURE:

101 <221> NAME/KEY: misc_feature

102 <222> LOCATION: (1)...(411)

103 <223> OTHER INFORMATION: n = A,T,C or G

105 <400> SEQUENCE: 4

106 gctggccagc atagtgaac cctgtctcta ctaagaatac aaaaattagc aggcgtgctg	60
107 gcgggcacct gtaatcccag ctgctcgga ggctgaggca ggagaattgc ttgaacccag	120
108 gaggtggagg ttgcagtga cccagatcat gctgctgcac tccagcctgg gtgacagagt	180
W--> 109 aagactccgt cttgggagaa aaaaaaaaaa anggaagggg naatnnanat nccanttttt	240
110 tntntntaaa ttaanaaan ttaaaaatgg nttttttaa tnnntnnaaa ngtttgnaaa	300
111 tganccataa nannccggt ngcaaacngg ccnnggtttt tgnntncant nggagancag	360
112 ggtttnaaac natcgtngtt ncnttganaa atggtnagtt tttganggca a	411

114 <210> SEQ ID NO: 5

115 <211> LENGTH: 390

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Input Set : D:\seqlist.txt

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```

116 <212> TYPE: DNA
117 <213> ORGANISM: Homo sapiens
119 <400> SEQUENCE: 5
120 ggaggccaag gctggaggat tgcttgagat caggagttca agaccagcct gggcaacata      60
121 gttagaccctt gtctctatctt ttaaaaaatat aacaagcaca gttgtacacg tcttttagttc    120
122 agctgctcag gaggctgaag tgggaggatc ctttgaaccc aagagtttga ggctgcagca      180
123 agccatgatac acaccactgc actccagcct gggtgacaga gtaagaccct gtctcaaaact    240
124 ttttttaaaa tgaaagaatc caaccttttt ttactctgac ctgagagagt gcagaggggtc    300
125 tggggaacat ttgcagaagc aacagggtacc agccagtgtc ggaaggagct caccctggga      360
126 ggtctcgtca gcctctgtcc ttcattggctg
128 <210> SEQ ID NO: 6
129 <211> LENGTH: 401
130 <212> TYPE: DNA
131 <213> ORGANISM: Homo sapiens
133 <400> SEQUENCE: 6
134 ccgacacttt gggaggccaa ggcaggagga tggcttgaag ccagtagttc aagaccagcc      60
135 tgggcaacat agtaagaccc catctctatg aagaataaaa aaatgagcta ggcgtggtag    120
136 tgcacacctg tagtcctagc tacttgggag gctgaggcag gaggatccct tgagtccagg    180
137 aggttgaggc tgcagtgagc tgtgattgtg ccactgtttt ccagcctggg caatacagtg    240
138 agaccctgtc tcaaaaaaag gaaaaaaaag ctcaaaaagt tctgtgttgc ctttctcttc    300
139 tttagctgatg atgggagaac cagtacttac cttctctaac acaggctcca tcctatctct    360
140 tcatctcttc ttgccagtga tgttgccacct gtaaccatct t
142 <210> SEQ ID NO: 7
143 <211> LENGTH: 413
144 <212> TYPE: DNA
145 <213> ORGANISM: Homo sapiens
147 <400> SEQUENCE: 7
148 caggatttgc tttttccctg ctttgaagaa aagctgaagt caaattttat gaatactcag      60
149 tagcatccgt caagaaaaaa aaaagaaaaa gaaaaatttg catgtagggg gttctgttct    120
150 caacagtgtg cgcagttttg gggctacagt agggctgagg ccgcacgcca gttccatttc    180
151 acaggggtcc tgtttcctag taactgcttc tactcgagcc ttcctcagga aagcccacaa    240
152 tagcaattga gagtaaaatg atttgaaaac gtgggtgtgc tgctgctggg actccaccct    300
153 cagtaacgat caggcattgt tctgtcttcc ttgctcaggg ggggcacact tcaagagatt    360
154 aaatttactg caggataaac agaatgcgtg ttccacagca ggctaataaa acc            413
156 <210> SEQ ID NO: 8
157 <211> LENGTH: 409
158 <212> TYPE: DNA
159 <213> ORGANISM: Homo sapiens
161 <220> FEATURE:
162 <221> NAME/KEY: misc_feature
163 <222> LOCATION: (1)...(409)
164 <223> OTHER INFORMATION: n = A,T,C or G
166 <400> SEQUENCE: 8
W--> 167 cccagcagtg tttactgagg acctggnttt ctagaacagg tgtgncctgt cctcttccat      60
168 gttccctggg ggctggctcag ctccaagttg tgggtggcag anctgngttt ancatgaact    120
169 gactaaagac ccatntggag gcaaatatta agttgccagg actgctttca cttcaggggtg    180
170 attgaaggnc acatattgaa gtacctagaa tgccagaaaag tgttntnttg cccanaaaaac    240
171 aaatcagaaa agcctattct tttttgcaac nctgttaatg attactggag ttcctgaaaa    300
172 atactttgtg ccnccttgga agactntgaa acncgnnttc cntgggattt tgctgtaaat    360

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Input Set : D:\seqlist.txt

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173 nacnntncnn tggcnctgaa gnttnccttg gntgcctagc tntaaaaaa      409
175 <210> SEQ ID NO: 9
176 <211> LENGTH: 392
177 <212> TYPE: DNA
178 <213> ORGANISM: Homo sapiens
180 <400> SEQUENCE: 9
181 accacgccgg gctaattttt gtatttttag aagagatggg gttccgccat gttggccggg      60
182 ctggtctcga gtcctgacc tcaggtgatc cgccgcctc ggtctcccaa agtgctggga      120
183 ttacaggcaa taactttatg tctcccctcc cttatctctg ggcaaacctt gtttattctc      180
184 tactaacttg gttgtaatct gttcatcaaa gtagaccctt gaatttgta ttctccaggc      240
185 tgctgggaca cgttggagtg gccttagaag gctgcaaaat ggactgatgg tttctgcctt      300
186 ccactgacgt cccaatacga cttcctaata ctagggctcc agttcctgat accagaatta      360
187 cagggagaaa atgtgggttc tgcagggtg tg      392
189 <210> SEQ ID NO: 10
190 <211> LENGTH: 300
191 <212> TYPE: DNA
192 <213> ORGANISM: Homo sapiens
194 <400> SEQUENCE: 10
195 aattccgttg ctgtcgttca cttatgccta taagcgggca tacaacaggg gcgcaataaa      60
196 tgtttgtaa gtgaatgaat tctttcagaa ctagatggga tcttagtcca actctcttat      120
197 ttaacgaggt ccacagaggt tctgcgattg tctaagaaag aaggctgtgt tcatggcctt      180
198 tgttgtttac gtggccctgt gattctcttg gtcctgtgaa agtcctgatg cagacattcc      240
199 ggccatctag aaaggcatgc agacaagcca tccagctggc atgatcctga gtccagcttt      300
201 <210> SEQ ID NO: 11
202 <211> LENGTH: 401
203 <212> TYPE: DNA
204 <213> ORGANISM: Homo sapiens
206 <220> FEATURE:
207 <221> NAME/KEY: misc_feature
208 <222> LOCATION: (1)...(401)
209 <223> OTHER INFORMATION: n = A,T,C or G
211 <400> SEQUENCE: 11
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213 tgtcactgaa gcacttgtag aaagggcctc acagttcatt cgctttccag ctgatgaagc      120
214 ctccattcag gctctgaagg atgaattcta tgggttggca gggatgccag gggatgatgg      180
215 ggtggttgac tgtatccatg tggccatcaa ggcaccacat gctgaagacc tctcctatgt      240
216 gaaccgaata ggcctgcatt ctataaactg ctgatggtgt gcgacattag agggacacta      300
W--> 217 ntgaccgtng agacanactg tcccgnanc ctanatgact gngctgtgct gcagcagnct      360
218 tcctcagtan ncancatgaa gcgganatgc acaaaaaatc c      401
220 <210> SEQ ID NO: 12
221 <211> LENGTH: 403
222 <212> TYPE: DNA
223 <213> ORGANISM: Homo sapiens
225 <400> SEQUENCE: 12
226 atctctgaat tctgaatagc tgacaacccc caatgttatc cactctgttg cttttgtctg      60
227 gaaaactcta cagtgtttgt gggatgtccc caaaggaaag ctatgttcta attttatcat      120
228 ttccatctgt ctggttatgt caagttaatt cagaaagaga agagacagtg accaaccctg      180
229 agaggcctaa tagggcagag atggaggcct gccagacta ggaggcagcg gggatagaca      240
230 gggaatgggg agaagaaaga ccccatattg tttggaaatc aaggagaggg cggtgacata      300

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```

231 ttggaccaga agaggcacta ccattttaag gagaggaaag agaaaactct ggggtcaggg      360
232 agagacccta cccccctaa ttatccacat atatgtaaga aat                        403
234 <210> SEQ ID NO: 13
235 <211> LENGTH: 390
236 <212> TYPE: DNA
237 <213> ORGANISM: Homo sapiens
239 <400> SEQUENCE: 13
240 caaaggtgaa gcaggacatg cctccgccgg ggggctatgg gcccatcgac tacaaacgga      60
241 acttgccgcg tcgaggactg tcgggtcagt atcactctgc gccgggggtct cagagtctgg      120
242 gcaactcggg ctcgggggcg ggggtccggg gacacaggcg gccctcagtt ttcccggcgg      180
243 tgtgaccgga ggcggagccc ggggatccat catagcttct gtaataacgc taagtgtctg      240
244 agtttgttga ggtctttccc agctcctctt ccttctcgta acagcccagg aaatcggtcc      300
245 ctctagttaa ttacgtttta cagtgggtta aactgagtca tagcctgtgc tctggccctc      360
246 agccaccctt ggatttctaa gatggggaaa                                     390
248 <210> SEQ ID NO: 14
249 <211> LENGTH: 400
250 <212> TYPE: DNA
251 <213> ORGANISM: Homo sapiens
253 <400> SEQUENCE: 14
254 ggtaattctt aagagcgttc tgacagcttt tctcgtgctg tggttgccctc actggggatt      60
255 gtacattttc tctttggccc agcttttcta taccacagtt ctggtgctct gctatgttat      120
256 ttatttcaca aagttaactg gttcccaga atcaaccaag cttcaaactc ttctgtctc      180
257 cagaataaca gatctgttac ccaatattac aagaaatgga gcgtttataa actggaaaga      240
258 ggctaaactg acttgagatt ttttcaaaca gtctttcttg aaacagattt tgacagaagg      300
259 cgagcgatat gtgatgacat ttttgaatgt attgaacttt ggtgatcagg gtgtgtatga      360
260 tatagtgaat aatcttggct cccttgtggc cagattaatt                                     400
262 <210> SEQ ID NO: 15
263 <211> LENGTH: 378
264 <212> TYPE: DNA
265 <213> ORGANISM: Homo sapiens
267 <220> FEATURE:
268 <221> NAME/KEY: misc_feature
269 <222> LOCATION: (1)...(378)
270 <223> OTHER INFORMATION: n = A,T,C or G
272 <400> SEQUENCE: 15
273 aaaaaacatc tacgagacaa aggagaggat gataaaatgc ccccgctccg gaagaaacag      60
274 cgtggtttgc ttttaagggt gcagcaagaa aaggcagaaa taaaacgtct tcaagaagcc      120
275 aataaggcag ctcggaagga aagacagctg attcttaaac agcaggagga gatagaaaag      180
276 atccgacaga ccaccataaa actacaggag aaattgaagt ctgcagggga gagtaaatg      240
277 gactctcata gtgatgatga tacaaaggat aataaggcaa ccagtcctgg tccaactgac      300
278 ttggagaccc gcagtccttc tcccatttca atctccagca gtgaaactag cagcattatg      360
W--> 279 cagaaactga anaaaaatg                                     378
281 <210> SEQ ID NO: 16
282 <211> LENGTH: 300
283 <212> TYPE: DNA
284 <213> ORGANISM: Homo sapiens
286 <400> SEQUENCE: 16
287 aattccgttg ctgtcgcttc cgcttggaca tcagctttga aagccaacac atcctcctga      60
288 gaggggacaa gacaagcagg gatatgtggg ccaactggatc ttgcccagac ttcccagctg      120

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 212,221,225,226,228,231,235,242,245,256,260,271,283,284,286
Seq#:4; N Pos. 287,291,297,304,311,312,314,315,321,328,333,334,343,344,346
Seq#:4; N Pos. 349,351,357,366,371,377,381,383,388,396,406
Seq#:8; N Pos. 27,45,102,106,112,135,189,225,227,235,271,313,326,333,336
Seq#:8; N Pos. 337,342,361,364,365,367,369,370,375,382,385,392,402
Seq#:11; N Pos. 301,309,316,327,329,334,342,358,370,371,374,386
Seq#:15; N Pos. 372
Seq#:18; N Pos. 285,296,367,373,410
Seq#:21; N Pos. 353,395
Seq#:31; N Pos. 335,364,368
Seq#:33; N Pos. 399
Seq#:34; N Pos. 382,390,392
Seq#:35; N Pos. 136,141,148,152,154,178,179,185,188,189,193,194,204,205,211
Seq#:35; N Pos. 213,214,216,223,227,252,261,262,263,266,267,269,279,281,284
Seq#:35; N Pos. 286,291,293,296,306,309,313,314,320,328,336,338,339,341,345
Seq#:35; N Pos. 347,348,352,353,359,360
Seq#:37; N Pos. 269,275,292,298,304,317,340,351,353,355,359,377,382,392
Seq#:41; N Pos. 303,309,338,340,346
Seq#:43; N Pos. 402,407
Seq#:50; N Pos. 401
Seq#:54; N Pos. 325,353,355,384,401
Seq#:57; N Pos. 341,356,374,402
Seq#:60; N Pos. 385
Seq#:61; N Pos. 334,344
Seq#:65; N Pos. 363,376
Seq#:69; N Pos. 336,352
Seq#:71; N Pos. 270,275,282,284,306,312,313,314,317,318,319,328,329,331,349
Seq#:71; N Pos. 357,359,366,367,374,378,380
Seq#:72; N Pos. 159,161,164,169,171,173,176,177,179,199,205,206,207,210,215
Seq#:72; N Pos. 216,220,233,237,239,241,245,254,255,257,259,265,267,285,286
Seq#:72; N Pos. 293,297,305,307,314,325,330,332,333,335,343,348,355
Seq#:75; N Pos. 349,362,375,384,390
Seq#:77; N Pos. 176,186,198,214,230,234,258,263,285,289,324,327,349,375
Seq#:78; N Pos. 380,383
Seq#:83; N Pos. 409
Seq#:84; N Pos. 397,400,402,405
Seq#:90; N Pos. 159,167,173,185,191,196,198,207,218,228,230,231,241,242,245
Seq#:90; N Pos. 255,257,268,272,278,279,281,283,285,288,300,313,314,323,324
Seq#:90; N Pos. 325,328,329,330,333,334,335,336,338,339,346,357,362,363,364
Seq#:90; N Pos. 366,369,371,378
Seq#:91; N Pos. 301,303,321,343,353,360,374,386,395,399
Seq#:93; N Pos. 74,75,80,84,85,86,109,113,128,137,143,146,148,155,166,167
Seq#:93; N Pos. 169,172,175,179,184,185,188,189,191,194,206,220,221,224,233
Seq#:93; N Pos. 237,241,249,270,272,278,279,280,282,283,285,286,287,290,293

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Seq#:93; N Pos. 307,309,310,315,324,326,327,329,330,333,338,339,340,344,348
Seq#:93; N Pos. 356,358,361,362
Seq#:94; N Pos. 118,120,124,126,130,132,135,140,143,146,149,150,158,159,160
Seq#:94; N Pos. 161,165,169,170,173,175,177,179,185,189,197,201,203,206,208
Seq#:94; N Pos. 215,216,218,219,220,222,224,225,230,234,240,241,242,247,252
Seq#:94; N Pos. 255,258,263,264,265,266,267,268,271,275,279,280,288,289,291
Seq#:94; N Pos. 294,299,300,305,309,317,319,320,333,336,340,352,360

VERIFICATION SUMMARY

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Input Set : D:\seqlist.txt

Output Set: N:\CRF4\05062003\I404706A.raw

L:32 M:270 C: Current Application Number differs, Replaced Current Application Number
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:180
M:341 Repeated in SeqNo=4
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
M:341 Repeated in SeqNo=8
L:217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:300
M:341 Repeated in SeqNo=11
L:279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:360
L:322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:240
M:341 Repeated in SeqNo=18
L:370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:300
M:341 Repeated in SeqNo=21
L:515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:300
M:341 Repeated in SeqNo=31
L:549 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:360
L:569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:360
L:584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:120
M:341 Repeated in SeqNo=35
L:619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:240
M:341 Repeated in SeqNo=37
L:680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:300
L:711 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:360
L:815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:360
L:875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:300
M:341 Repeated in SeqNo=54
L:922 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:300
M:341 Repeated in SeqNo=57
L:970 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:360
L:988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:300
L:1050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:360
L:1110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:300
L:1142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:240
M:341 Repeated in SeqNo=71
L:1159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:120
M:341 Repeated in SeqNo=72
L:1207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:300
M:341 Repeated in SeqNo=75
L:1237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:120
M:341 Repeated in SeqNo=77
L:1260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:360
L:1336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:360
L:1355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:360
L:1440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90 after pos.:120
M:341 Repeated in SeqNo=90
L:1462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:300
M:341 Repeated in SeqNo=91
L:1491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93 after pos.:60
M:341 Repeated in SeqNo=93

VERIFICATION SUMMARY

DATE: 05/06/2003

PATENT APPLICATION: US/09/404,706A

TIME: 13:56:38

Input Set : D:\seqlist.txt

Output Set: N:\CRF4\05062003\I404706A.raw

L:1510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:60

M:341 Repeated in SeqNo=94

L:1579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:0